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SCALE

0 2000 4000 FEET

NEW JERSEY



QUADRANGLE
LOCATION

REFERENCE:

USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE;
ORANGE, NEW JERSEY, 1995.

FIGURE 1-1

SITE LOCATION MAP

RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

DRAWING NUMBER

13620A1

			DRAWN BY: D.J. Martino	DATE: 06-18-14
			CHECKED BY: B.T. Zewe	DATE: 07-08-14
			APPROVED BY: K.J. Bird	DATE: 07-08-14
REVISION	DATE	DESCRIPTION		



BLOCK 614 LOT #	BUILDING #	OWNER
1	2, 3	HATZLUCHA ON RIVERSIDE, LLC.
57	10	PLAGRO REALTY, INC.
58	15, 15A	CITY OF NEWARK
59	14	ALBERT SHARPHOUSE
60	1	SHEFAH IN NEWARK, LLC.
61	6	CITY OF NEWARK
62	9	CELCOR ASSOC., LLC.
63	7	CITY OF NEWARK
64	12	CITY OF NEWARK
65	NA	INDUSTRIAL DEV. CORP.
66	17	CHEMICAL COMPOUNDS, INC.
67	NA	CELCOR ASSOC., LLC.
AR	NA	CITY OF NEWARK
69	13, 19	SHARPMORE HOLDING INC.
70	16	ESTATE OF CAROLE GRAIFMAN

LEGEND

- FORMER BUILDING FOOTPRINT
- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOT BOUNDARY
- 61 LOT NUMBER
- #17 BUILDING NUMBER
- VACANT BUILDING

#1	6/28/16	Add Building Numbers
#2	4/6/17	Add Former Building Footprints
#3	9/26/18	Update Owner Table
REVISION	DATE	DESCRIPTION

FIGURE 2-1 PARCEL AND BUILDING LOCATION MAP RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE NEWARK, NEW JERSEY	
DRAWING NUMBER 13620B2	
DRAWN BY: T.N. Fitzroy	DATE: 3/24/14
CHECKED BY: B.T. Zewe	DATE: 07/08/14
APPROVED BY: K.J. Bird	DATE: 07/08/14



LEGEND

- ENGINEERING CONTROL
- CEA BOUNDARY
- PROPERTY BOUNDARY
- 66 LOT NUMBER

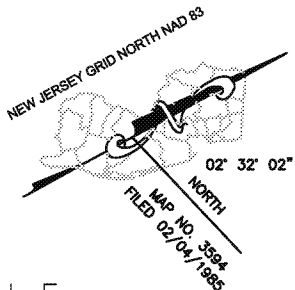
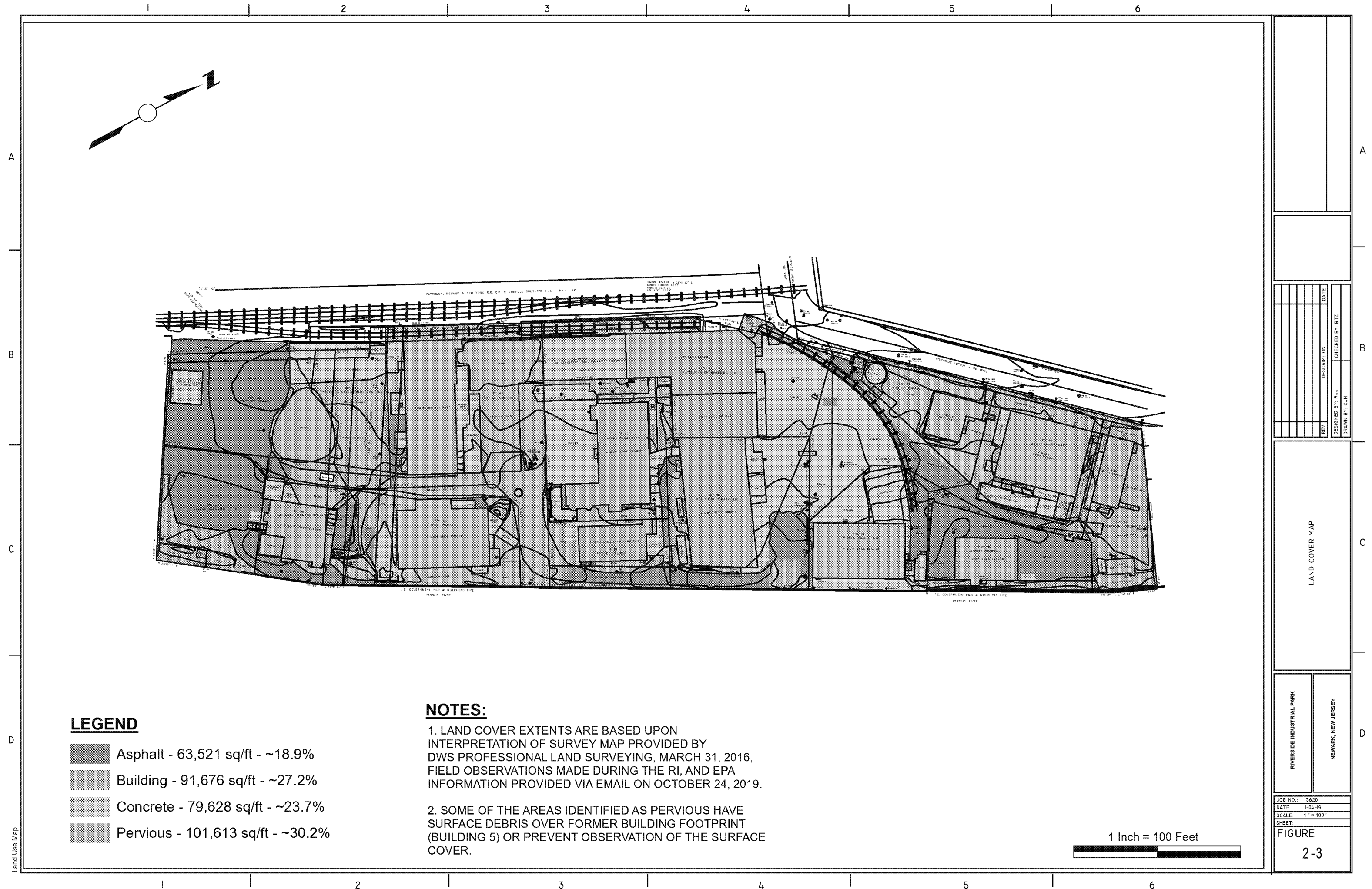
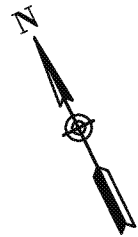


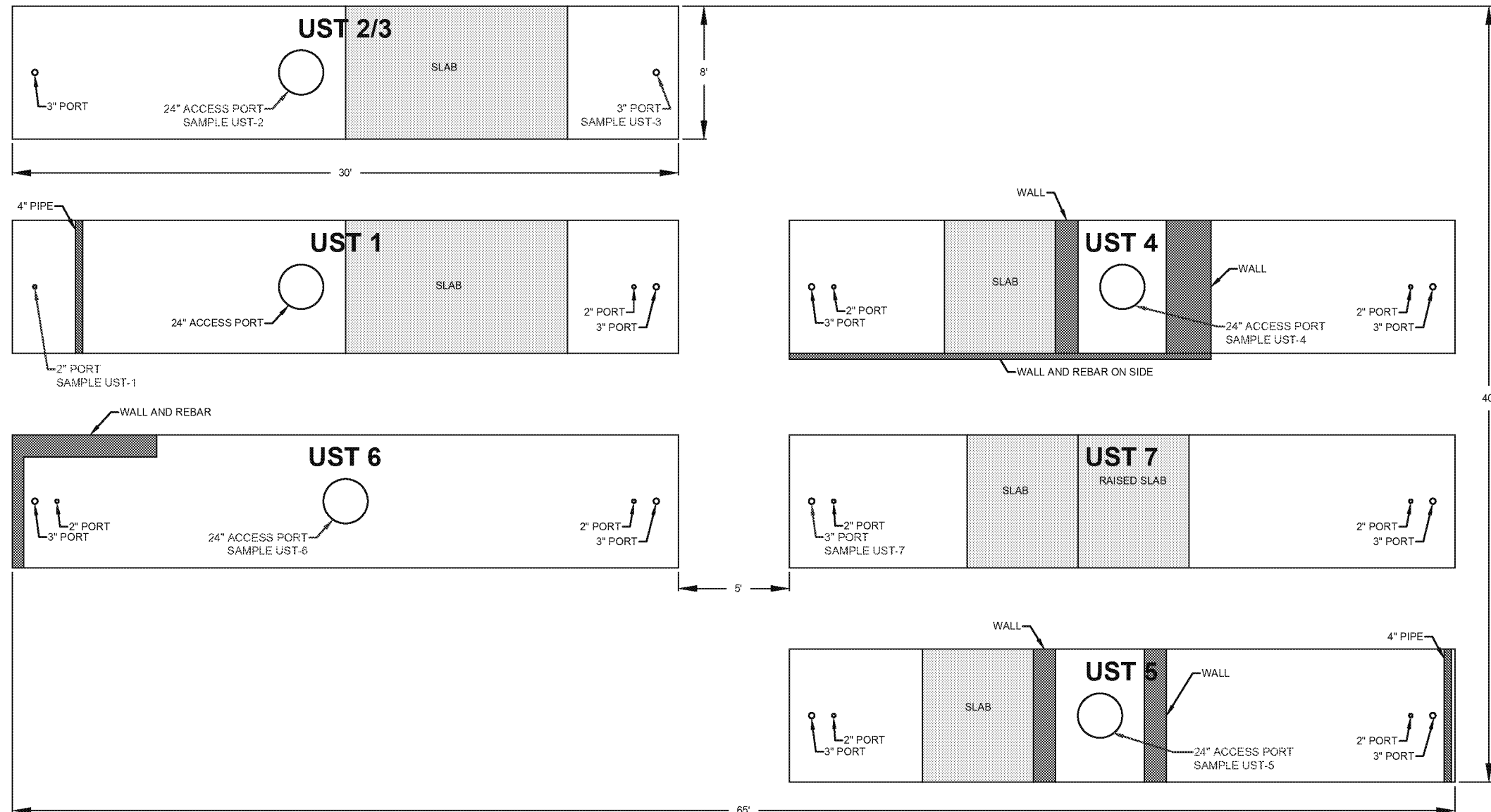
FIGURE 2-2
DEED NOTICES, CEAS, AND
ENGINEERING CONTROLS MAP
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

			DRAWING NUMBER 13620D1	
DRAWN BY: C.J. Miller			DATE: 10-15-2019	
CHECKED BY: B.T. Zewe			DATE: 10-15-2019	
APPROVED BY: K.J. Bird			DATE: 10-15-2019	
REVISION	DATE	DESCRIPTION		





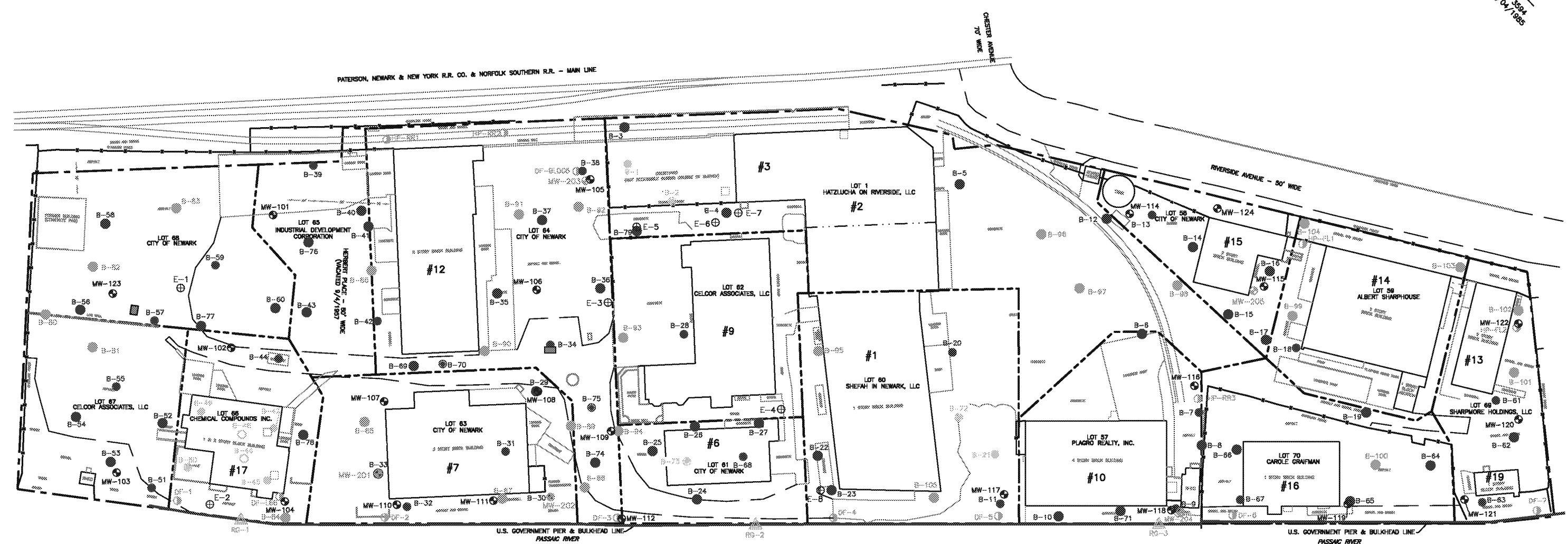
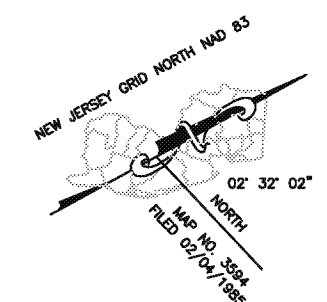
BUILDING 9



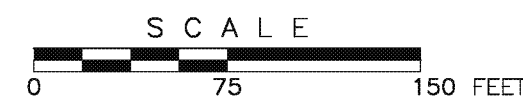
- NOTES:
1. TANKS ARE APPROXIMATELY 3' BGS.
 2. TANKS HAVE APPROXIMATELY 8' DIAMETERS, 30' IN LENGTH AND SPACING BETWEEN TANKS ARE ESTIMATED

LEGEND	
	VERTICAL CONCRETE WALL
	CONCRETE SLAB
	PIPE
	TANK PORTAL WHERE SAMPLE COLLECTED
SAMPLE UST--1	

REV	DESCRIPTION
DESIGNED BY: R.J. JONES	CHECKED BY: R.T. ZONE
DRAWN BY: C.L. MILLER	UST LAYOUT
UNDERGROUND STORAGE TANK LAYOUT AND SAMPLE LOCATIONS	
RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE EPA ID: NUSF0204232 TAX BLOCK 614	NEWARK, NEW JERSEY
JOB NO.: 0013620	
DATE: 10-15-2019	
SCALE: AS SHOWN	
SHEET: 01	OF
FIGURE 2-4	



- LEGEND:**
- SITE BOUNDARY LINE
 - - - LOT LINE
 - · - FENCE LINE
 - BUILDING
 - BULKHEAD
 - #17 BUILDING NUMBER
 - RG-1 RIVER GAUGE LOCATION
 - E-1 ⊕ EXISTING MONITORING WELL LOCATION
 - MW-101 ⊕ RI MONITORING WELL LOCATION - FILL
 - MW-201 ⊕ RI MONITORING WELL LOCATION - DEEP
 - B-35 ● RI SOIL BORING LOCATION (PHASE 1)
 - B-53 ● RI SOIL BORING AND TEMPORARY WELL POINT LOCATION
 - TEST PIT LOCATION
 - DF-1 ⊙ RI SURFACE SAMPLE LOCATION
 - B-46 ⊙ SOIL BORING LOCATION - NO SAMPLE COLLECTED DUE TO REFUSAL OR SATURATION OF SOIL
 - B-50 ⊙ SOIL BORING AND TEMPORARY WELL POINT LOCATION NO SAMPLE COLLECTED DUE TO REFUSAL
 - B-46 ○ SOIL BORING NOT CONDUCTED
 - B-80 ⊙ RI SOIL BORING LOCATION (PHASE 2)



JOB NO.: 0013620 DATE: OCTOBER 2019 SCALE: AS SHOWN SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE EPA ID: NJSF0204232 TAX BLOCK 614	<h1>MONITORING WELL / SOIL BORING / SURFACE SAMPLE LOCATION MAP</h1>			
	NEWARK, NEW JERSEY				
FIGURE 2-5			DESIGNED BY: C.J. MILLER DRAWN BY: C.J. MILLER	CHECKED BY: B.T. ZEWE 13620C2 - Wells-Borings-Surface Samples.dwg	



LEGEND

- FORMER BUILDING FOOTPRINT
- - - - - APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOT BOUNDARY

61 LOT NUMBER
#17 BUILDING NUMBER

- BHHRA SHOWS RISK ABOVE EPA RISK RANGE UNDER CURRENT OR FUTURE COMMERCIAL/INDUSTRIAL USE
- LOTS WHERE MAXIMUM ECOLOGICAL HQ > 1 IN SURFACE SOIL *
* (BHHRA RISKS ARE NOT ABOVE EPA RISK RANGE UNDER CURRENT AND FUTURE COMMERCIAL/INDUSTRIAL LAND USE.)

Lot	Chemical of Concern
1	Lead
58	TCE, Xylenes
61	Lead
62	Naphthalene, Lead
63	Lead, Copper
64	Lead
65	Lead
68	Lead, TCE
70	Lead

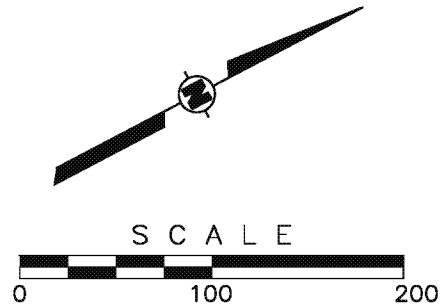


FIGURE 2-6
ON-SITE AREAS OF CONCERN
SOIL/FILL AND WASTE
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

DRAWING NUMBER
13620B2

			DRAWN BY: P.F. Fillmore	DATE: 03/18/2020
			CHECKED BY: B.T. Zewe	DATE: 03/18/2020
REVISION	DATE	DESCRIPTION	APPROVED BY: K.J. Bird	DATE: 03/18/2020



Figure 3-1
Site-Wide
Soil Sampling Results
Arsenic
ARAR = 19 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.



Figure 3-3
Site-Wide
Soil Sampling Results
Benz(a)anthracene
ARAR = 17 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

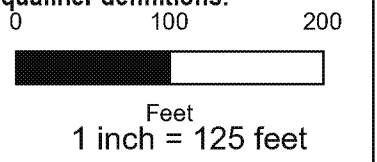


Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

- Notes:**
- Locations with multiple results represent multiple sample depth intervals at that location.
 - Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
 - Field duplicate results not plotted.
 - See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-4
Site-Wide
Soil Sampling Results
Benzo(a)pyrene
ARAR = 2 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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Figure 3-5
Site-Wide
Soil Sampling Results
Benzo(b)fluoranthracene
ARAR = 17 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

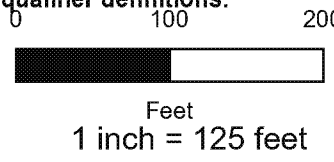


Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

- Notes:**
- Locations with multiple results represent multiple sample depth intervals at that location.
 - Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
 - Field duplicate results not plotted.
 - See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-6
Site-Wide
Soil Sampling Results
Dibenz(a,h)anthracene
ARAR = 2 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



Legend

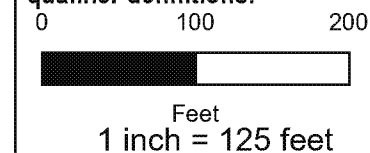
RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.

4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-7
Site-Wide
Soil Sampling Results
Lead
ARAR = 800 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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Figure 3-8
Site-Wide
Soil Sampling Results
Manganese
ARAR = 5,900 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



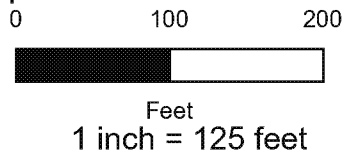
Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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[illegible]

Subsurface

0.0039 U, 0.2 U, 0.19 U, 0.14 J, 0.19 U, 0.0028 J, 2.1, 0.0041 U, 0.2 U, 0.061, 0.44 J, 0.031, 0.18 U, 0.19 U, 0.2 U, 0.048 J, 0.19 U, 0.19 U, 5.4, 0.22 U, 0.2 U, 0.22 U, 0.18 U, 0.0036 U, 0.2 U, 0.0039 U, 0.2 U, 0.21 U, 0.0022 J, 0.58, 0.19 U, 0.091 J, 0.12 U, 0.37 U, 0.65, 53, 0.019, 2.5, 1.1, 0.2 U, 0.064 J, 0.4, 0.069, 0.33, 0.22 U, 0.19 U, 0.054 J, 1 U, 0.73, 0.044 J, 0.27 J, 0.085 J, 0.34, 0.19 U, 0.2 U, 1.5, 0.32 J, 0.04 J, 0.26 U, 0.0013 J, 0.0066 J, 0.21 U, 0.12 J, 0.24 J, 0.25 U, 0.24, 0.22 J, 0.67, 0.68, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

bing

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Distribution Airbus DS

ED_005342A_00007282-00019








Figure 3-10
Site-Wide
Soil Sampling Results
Aroclor-1254
ARAR = 1 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



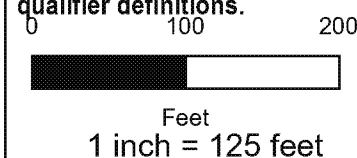
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-11
Site-Wide
Soil Sampling Results
Aroclor-1260
ARAR = 1 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



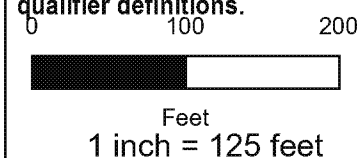
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-12
Site-Wide
Soil Sampling Results
Aroclor-1262
ARAR = 1 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



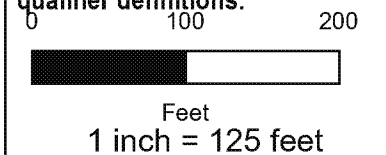
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-13
Site-Wide
Soil Sampling Results
Trichloroethylene
ARAR = 10 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.

4. See results tables for qualifier definitions.

0	100	200
---	-----	-----

Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.








Figure 3-14
Site-Wide
Soil Sampling Results
Vinyl Chloride
ARAR = 2 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.

4. See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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<p>Figure 3-15</p> <p>Trichloroethane, 1,1,2</p> <p>Groundwater Sampling</p> <p>Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)○ Detection Below ARAR (yellow)● Detection Exceeds ARAR (blue)— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<div><p>N</p><p>0 75 150</p><p>Feet</p><p>1 inch = 150 feet</p></div> <div><p>Project #: 0013620 Map Created: June 2020</p><p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p></div>
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<p>Figure 3-16</p> <p>Dioxane, 1,4</p> <p>Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none"> ● Result Not Detected (green) ○ Detection Below ARAR ● Detection Exceeds ARAR — Buildings (Survey) 	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>North Arrow</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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March 2018 Results - Acetone - ARAR = 6000 ug/L



June 2018 Results - Acetone - ARAR = 6000 ug/L



February 2019 Results - Acetone - ARAR = 6000 ug/L



Figure 3-17
Acetone
Groundwater Sampling
Results - Fill Unit

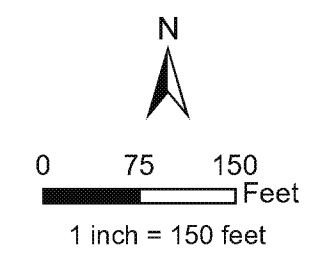
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



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Map Created: June 2020
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March 2018 Results - Antimony - ARAR = 6 ug/L



June 2018 Results - Antimony - ARAR = 6 ug/L



February 2019 Results - Antimony - ARAR = 6 ug/L



Figure 3-18

Antimony
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



0 75 150
Feet
1 inch = 150 feet

Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference
and graphical purposes only and should not be relied
upon by third parties for any legal decisions. Any
reliance upon the map or data contained herein shall
be at the users' sole risk.

March 2018 Results - Arsenic - ARAR = 3 ug/L



June 2018 Results - Arsenic - ARAR = 3 ug/L



February 2019 Results - Arsenic - ARAR = 3 ug/L



Figure 3-19

Arsenic Groundwater Sampling Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

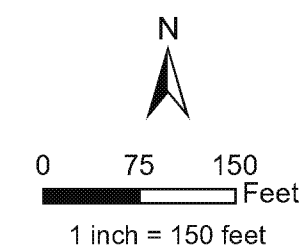
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

- See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

March 2018 Results - Benzene - ARAR = 1 ug/L



June 2018 Results - Benzene - ARAR = 1 ug/L



February 2019 Results - Benzene - ARAR = 1 ug/L



Figure 3-20

Benzene Groundwater Sampling Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

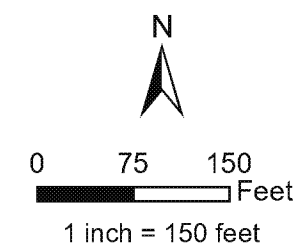
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)

Notes:

- See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.



Figure 3-21
Benzo[a]Pyrene
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

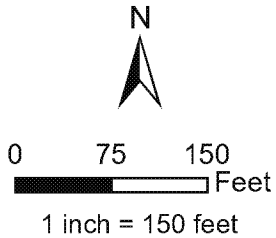
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

March 2018 Results - Cadmium - ARAR = 4 ug/L



June 2018 Results - Cadmium - ARAR = 4 ug/L



February 2019 Results - Cadmium - ARAR = 4 ug/L



Figure 3-22

Cadmium Groundwater Sampling Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

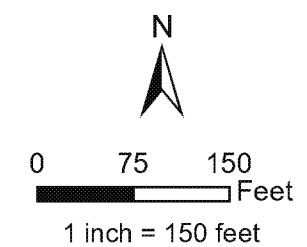
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.



Figure 3-23
Benzo[a]Anthracene
Groundwater Sampling
Results - Fill Unit

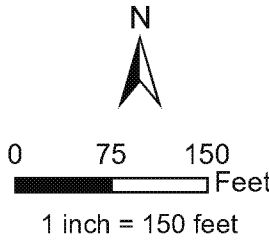
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

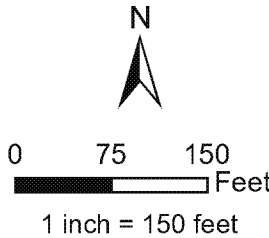


Figure 3-24
Ethylbenzene
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

- Legend**
- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR (yellow)
 - Detection Exceeds ARAR (blue)
 - Buildings (Survey)

Notes:
1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
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<p>Figure 3-25</p> <p>Indeno[1,2,3-cd]pyrene</p> <p>Groundwater Sampling</p> <p>Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)○ Detection Below ARAR● Detection Exceeds ARAR— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>Scale:</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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<p>Figure 3-26</p> <p>Lead Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none"> ● Result Not Detected (green) ○ Detection Below ARAR ● Detection Exceeds ARAR — Buildings (Survey) 	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>Scale:</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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Figure 3-27
Xylene, m,p
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

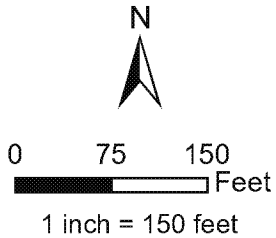
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
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<p>Figure 3-28</p> <p>Methyl Ethyl Ketone (2-Butanone)</p> <p>Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)○ Detection Below ARAR● Detection Exceeds ARAR— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>Scale:</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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March 2018 Results - Cresol, p- - ARAR = 50 ug/L



June 2018 Results - Cresol, p- - ARAR = 50 ug/L



February 2019 Results - Cresol, p- - ARAR = 50 ug/L



Figure 3-29

Cresol, p-
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

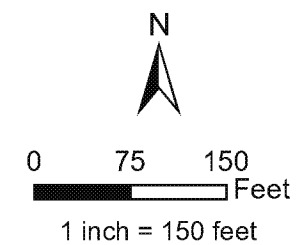
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



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be at the users' sole risk.



<p>Figure 3-30</p> <p>Pentachlorophenol Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)○ Detection Below ARAR● Detection Exceeds ARAR— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>Scale:</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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March 2018 Results - Toluene - ARAR = 600 ug/L



June 2018 Results - Toluene - ARAR = 600 ug/L



February 2019 Results - Toluene - ARAR = 600 ug/L



Figure 3-31

**Toluene
Groundwater Sampling
Results - Fill Unit**

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

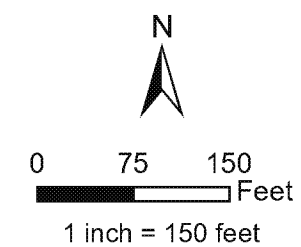
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

February 2019 Results - Trichloroethane, 1,1,2 - ARAR = 3 ug/l



February 2019 Results - Benzo[a]anthracene - ARAR = 0.1 ug/l



Figure 3-32
Groundwater Sampling Results
1,1,2-Trichloroethane and
Benzo[a]anthracene
Deep Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

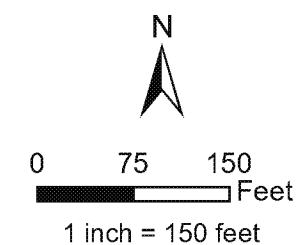
Legend

RIFS Groundwater Sampling Results (ug/L)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
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<p>Figure 3-33 Groundwater Sampling Results Tetrachloroethane, 1,1,2,2, and Tetrachloroethylene Deep Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none"> ● Result Not Detected (green) ○ Detection Below ARAR (yellow) ● Detection Exceeds ARAR (blue) — Buildings (Survey) 	<p>Notes: 1. See RIR results tables for qualifier definitions.</p>	<p>Scale: 0 75 150 Feet 1 inch = 154 feet</p>	<p>Project #: 0013620 Map Created: June 2020 Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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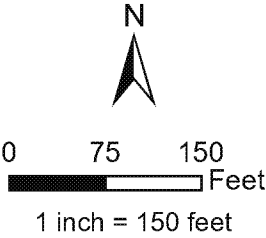


Figure 3-34
Groundwater Sampling Results
Benzene, 1,4-Dioxane, and Lead
Deep Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

- Legend**
RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

Notes:
1. See RIR results tables for qualifier definitions



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.



Figure 3-35
Site-Wide
Soil Sampling Results
Copper
PRG = 526 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.

2. Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.

3. Field duplicate results not plotted.

4. See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.








Figure 3-36
Site-Wide
Soil Sampling Results
Napthalene
PRG = 0.62 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



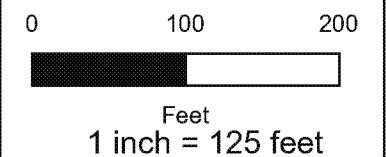
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-37
Site-Wide
Soil Sampling Results
Trichloroethene
PRG = 0.02 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



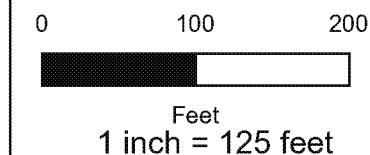
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
 Detection Below ARAR (yellow)
 Detection Exceeds ARAR (blue)
 Buildings (Survey)
 Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-38
Site-Wide
Soil Sampling Results
xylene, m-p
PRG = 6.5 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet


Project #: 0013620
Map Created: June 2020

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.



Legend

- Soil Boring
- ▨ Underground Storage Tanks
- ▬ Site Boundary
- ▭ Site Lots
- ▭ Institutional Controls
- ▨ Excavation and Off-Site Disposal - UST and Soil/Fill NAPL

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Alternative 2 - Institutional Controls and NAPL Removal	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	<small>*Third Party GIS Data Disclaimer: This map is for informational and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon this map or data constitutes release under the "as is" disclaimer.</small>
FIGURE 5-1	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		





Legend

- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL
- Footprint of Soil Alternative 4 for Focused Lead Removal
- Engineering Control (Cap)

Note: Building demolition is not required or incorporated in this alternative

JOB NO.: 0013620
DATE: June, 2020
1 inch = 100 feet
SHEET: OF

FIGURE 5-3

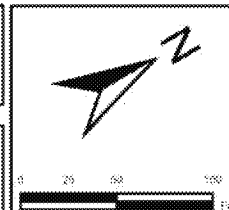
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE

Newark, New Jersey

Soil Alternative 4 - Institutional Controls, Engineering Controls,
Focused Removal with Off-Site Disposal of Lead and NAPL
Removal

© 2020 Microsoft Corporation © 2020
Maxar ©CNES (2020) Distribution Airbus
DS

Spatial Reference
Name: NAD 1983 StatePlane New Jersey
FIPS 2900 Feet




*Third Party GIS Data: This map is for informational and
graphic purposes only and should not be relied upon by third
parties for any legal decisions. Any reliance upon this map or data
constitutes a release of liability by the user.



Legend

- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
(See Soil Alternative 3 for Engineering Control - Cap Area)
- Underground Storage Tanks
- ▬ Site Boundary
- Site Lots
- ▬ Insitutional Controls
- Remediation Area
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Alternative 5 - Institutional Controls, In-Situ Remediation, Engineering Controls and NAPL Removal	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	<small>"Third Party GIS Data Provider" This map is for informational and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data is solely the responsibility of the user.</small>
FIGURE 5-4	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
(See Soil Alternative 3 for Engineering Control - Cap Area)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Remediation Area
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL

Note: Portions of Lots 67 and 69 not treated will be capped.

JOB NO.: 0013620
DATE: June, 2020
1 inch = 100 feet
SHEET: OF

FIGURE 5-5

RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE

Newark, New Jersey

Soil Alternative 6 - Institutional Controls, Removal and Off-Site
Disposal and NAPL Removal

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Spatial Reference
Name: NAD 1983 StatePlane New Jersey
FIPS 2900 Feet




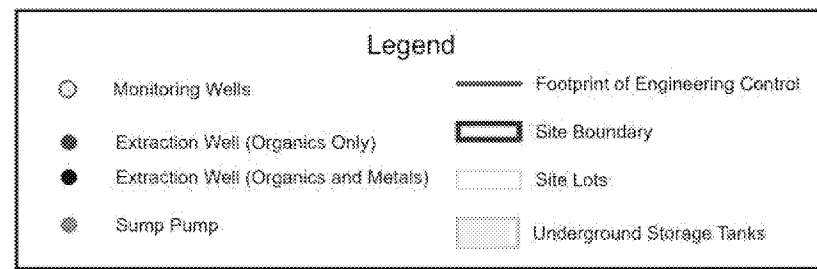
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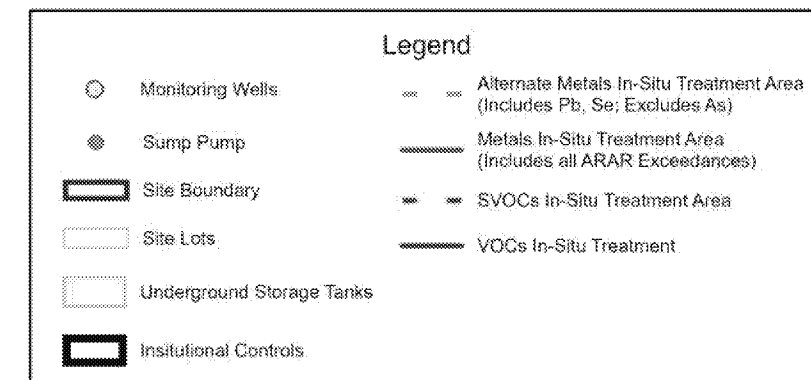


Legend

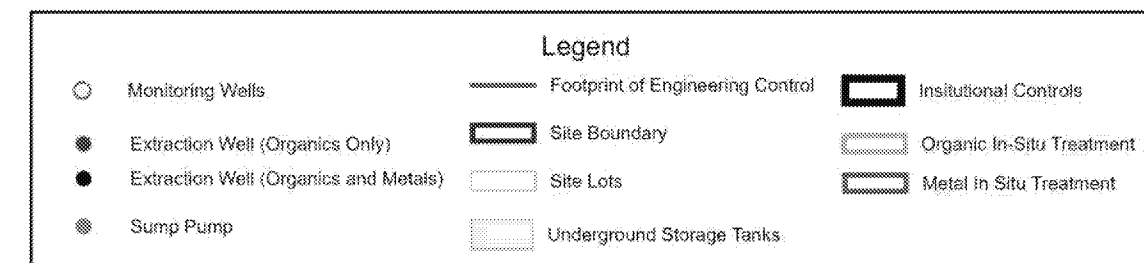
- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
(See Soil Alternative 3 for Engineering Control - Cap Area)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Remediation Area
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL


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FIGURE 5-6	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		





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Figure 5-8	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



JOB NO.: 0013620	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Groundwater Alternative 4 - Institutional Controls, Pump and Treat, and Targeted Periodic In-Situ Site Remediation	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS		<small>This Party (the Discoverer) has made no representation and warrants no accuracy or reliability of the data shown, and disclaims any liability for any loss or damage resulting from the use of the data. The data is provided "as is" and the Discoverer makes no warranty, either express or implied, regarding the accuracy or reliability of the data.</small>
DATE: June, 2020			Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		
1 inch = 160 feet					
SHEET: OF					
Figure 5-9	Newark, New Jersey				



Legend

- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Footprint of Engineering Control (Site Containment)

JOB NO.: 0013620	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Groundwater Alternative 6 - Institutional Controls and Site Containment	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS		<div>0 25 50 100 Feet</div>	<small>*Third Party GIS Data Disclaimer: This map is for informational and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon this map or data contained herein shall be at the user's sole risk.</small>
DATE: June, 2020						
1 inch = 100 feet						
SHEET: OF	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet			
FIGURE 5-11						



Legend

- Footprint of Engineering Control
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls

JOB NO.: 0013620
DATE: June, 2020
1 inch = 100 feet
SHEET: OF

FIGURE 5-12

RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE

Newark, New Jersey

Groundwater Alternative 7 - Institutional Controls, Site Containment and Monitored Natural Attenuation

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Spatial Reference
Name: NAD 1983 StatePlane New Jersey
FIPS 2900 Feet




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Legend

- Soil Boring
 - Underground Storage Tanks
 - Site Boundary
 - Site Lots
 - Air Monitoring or Engineering Controls (Existing Occupied Buildings)
 - Institutional Controls and Site-Wide Engineering Controls for Future Buildings
- Shallow Groundwater Vapor Intrusion Screening Level Exceedance.
- Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Gas Alternative 2 - Institutional Controls, Air Monitoring or Engineering Controls (Existing Occupied Buildings) and Site-Wide Engineering Controls (Future Buildings)	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	This is a preliminary map. It is not to be used for legal purposes. It is for informational purposes only. It is not to be used for legal purposes. It is for informational purposes only. It is not to be used for legal purposes. It is for informational purposes only.
FIGURE 5-13	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Soil Boring
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Air Monitoring or Engineering Controls (Existing Occupied Buildings)
- 100 Foot Buffer of Existing Occupied Building

Remedial Footprint

- More Than 100 Feet From Existing Occupied Building – Engineering Controls or Air Monitoring Apply
- Within 100 Feet of Existing Occupied Building – Active Remediation (In-Situ)
- Shallow Groundwater Vapor Intrusion Screening Level Exceedance.
- Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Newark, New Jersey	Soil Gas Alternative 3 - Institutional Controls, Sit-Wide Engineering Controls (Future Buildings), and In-Situ Remediation of Soil/Fill (existing occupied buildings)	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		This is a map for informational purposes only and should not be relied upon for any legal or financial decisions. Any reference to the map or data is made without any liability on the part of the provider.
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Legend

- Soil Boring
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Air Monitoring or Engineering Controls (Existing Occupied Buildings)
- 100 Foot Buffer of Existing Occupied Building

Remedial Footprint

- More Than 100 Feet From Existing Occupied Building – Engineering Controls or Air Monitoring Apply
- Within 100 Feet of Existing Occupied Building – Active Remediation (Removal and Off-Site Disposal)

Shallow Groundwater Vapor Intrusion Screening Level Exceedance.
 Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.


JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Gas Alternative 4 - Institutional Controls, Sit-Wide Engineering Controls (Future Buildings), and Air Monitoring or Engineering Controls and Removal and Off-Site Disposal of Soil/ Fill (existing occupied buildings)	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS		<small>Third Party Data Disclaimer: This map is for informational and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the user's sole risk.</small>
FIGURE 5-15	Newark, New Jersey	Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet			



Legend

- Soil Boring
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Air Monitoring or Engineering Controls (Existing Occupied Buildings)
- 100 Foot Buffer of Existing Occupied Building

- Remedial Footprint
- More Than 100 Feet From Existing Occupied Building – Engineering Controls or Air Monitoring Apply
 - Within 100 Feet of Existing Occupied Building – Active Remediation (Ex-Situ)
- Shallow Groundwater Vapor Intrusion Screening Level Exceedance.
- Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Gas Alternative 5 - Institutional Controls, Sit-Wide Engineering Controls (Future Buildings), and Air Monitoring or Engineering Controls and Ex-Situ Treatment and On-Site Placement of Soil/Fill (existing occupied buildings)	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	<p><small>"Third Party Data Disclaimer": This map is for informational and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the user's sole risk.</small></p>
FIGURE 5-16	Newark, New Jersey	Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet			